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ning of each regular issue of the PCT Gazette.

(54) Title: STABILIZED LIQUID POLYPEPTIDE FORMULATIONS

(57) Abstract: The present invention provides formulations for maintaining the stability of polypeptides, in particular, therapeutic antigen-binding polypeptides such as antibodies and the like, for example, anti-A $\beta$  antibodies. The formulations generally include an antioxidant in a sufficient amount as to inhibit by-product formation, for example, the formation of high molecular weight polypeptide aggregates, low molecular weight polypeptide degradation fragments, and mixtures thereof. The formulations of the invention optionally comprise a tonicity agent, such as mannitol, and a buffering agent or amino acid such as histidine, and thus, the formulations are suitable for several different routes of administration.



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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. A61K39/395 C07K16/18

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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

A61K C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2004/197324 A1 (LIU JUN ET AL)  7 October 2004 (2004-10-07)  paragraph [0012] - paragraph [0013]  paragraph [0015]  paragraph [0036]  paragraph [0050]  paragraph [0203]</p> <p style="text-align: center;">----- -/--</p>	1-99

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 03/105894 A (MEDIMMUNE, INC; OLIVER, CYNTHIA, N; SHANE, ERICA; ISSAACS, BENJAMIN, S) 24 December 2003 (2003-12-24)</p> <p>page 6, line 28 - line 29</p> <p>page 4, line 31 - page 5, line 3</p> <p>page 21, line 15 - line 23</p> <p>page 8, line 3 - line 21</p> <p>page 20, line 16 - line 32</p> <p>page 7, line 16 - line 29</p> <p>page 12, line 24 - line 30</p> <p>page 29, line 27 - page 30, line 29</p>	1-99
X	<p>WO 2004/055164 A (ABGENIX INC [US]; CHEN BEI [US]; ZAPATA GERARDO [US]; MULKERRIN MICHAEL) 1 July 2004 (2004-07-01)</p> <p>paragraph [0008] - paragraph [0013]</p> <p>paragraph [0018] - paragraph [0019]</p> <p>paragraph [0038] - paragraph [0040]</p> <p>paragraph [0043]</p> <p>paragraph [0041]</p> <p>page 10; table 1a</p> <p>page 19; table 4</p>	1-99
X	<p>WO 03/039485 A (PROTEIN DESIGN LABS; KAISHEVA, ELIZABET, A; GUPTA, SUPRIYA; DUVUR, SHA) 15 May 2003 (2003-05-15)</p> <p>abstract</p> <p>page 11, line 8 - page 12, line 18</p> <p>page 21, line 1 - line 10</p>	1-99
X	<p>WO 98/56418 A (GENENTECH, INC)</p> <p>17 December 1998 (1998-12-17)</p> <p>page 22, line 9 - page 23, line 15</p>	1-99
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Information on patent family members

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